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Attorney Docket No. 15966-641 (Cura-141)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Powell, et al.
SERIAL NUMBER: 09/766,863 EXAMINER: Suryaprabha Chunduru
FILING DATE: January 19, 2001 ART UNIT: 1637
FOR: METHOD OF IDENTIFYING THE FUNCTION OF A TEST AGENT

Commissioner for Patents
Washington, D.C. 20231

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RESPONSE AND AMENDMENT

This paper is in response to the September 12, 2002 Office Action, which is due on or before January 12, 2003 (which falls on Sunday), therefore, with the extension the response is due on the preceding day, Monday, January 13, 2003, with the appropriate fees for an extension of time. The Commissioner is hereby authorized to charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 15966-641 (Cura-141).

AMENDMENT

In the Claims:

Please cancel claims 4, 5, 8, 9, and 16 and replace the pending claims with the following:

- A1
1. (Amended) A method of identifying the function of a test compound, the method comprising:
providing at least three mammalian cell types, wherein the cell types comprise osteosarcoma, astrocytoma, erythroleukemia, hepatoma, monocytic, endothelial, fibroblast, T-cell, monocyte, B-cell, NK-cell, normal human osteoblast, astrocyte, hepatocyte and normal human lung fibroblast cell types;
contacting each of the cell types with a test compound; and
measuring expression of one or more genes in each cell type;